

CLAIMS:

1. A display comprising a ground plate (30) and at least one emitting layer (20) and at least one isolating separator layer (10) each positioned in contacting manner on said ground plate (30), the at least one emitting layer (20) and the at least one isolating separator layer (10) being positioned adjacent to each other in a contacting manner, whereby the isolating separator layer (10) is reflective.
5
2. The display of Claim 1, whereby the material of said at least one isolating separator layer (10) comprises a metal material.
- 10 3. The display of Claim 2, whereby the metal material of said at least one isolating separator layer (10) comprises a material selected from a group containing Al, V, Cr, Mn.
4. The display of Claim 3 whereby the material of said at least one isolating separator layer (10) comprises aluminium-flakes.
15
5. The display according to any of the Claims 1 to 4, whereby the display comprises at least one $\lambda/4$ plate (40) and at least one linear polarisation layer (50) positioned on the ground plate (30) opposing said isolating separator layer (10) in such a way, that ambient light that moves through the ground plate (30) towards the isolating separator layer (10) as well as light that moves from said isolating separator layer (10) towards said ground plate (30) is forced to pass said at least one $\lambda/4$ plate (40) and at least one linear polarisation layer (50).
20
- 25 6. The display according to any of the claims 1 to 5, whereby the surface of said at least one isolating separator (10) is specular reflective

7. The display according to any of the claims 1 to 6, whereby light impinging on said at least one isolating separator layer (10) in an angle is at least to a part reflected in a different angle.

5

8. The display according to any of the claims 1 to 7, characterized in that the efficacy of the display for white light with a correlated colour temperature of 6500 K is at least ≥ 0.5 lumen/W, preferred $\geq 1,4$ lumen/W, more preferred $\geq 3,8$ lumen/W, more preferred $\geq 5,2$ lumen/W, and most preferred $\geq 5,6$ lumen/W.

10

9. The display according to any of the Claims 1 to 8, whereby the display is formed by an ink-jet printing or photolithography or vacuum deposition or a combination of these processes.

15

10. Display device containing a display according to any of the claims 1 to 9 for use in household applications, portable applications, monitor applications, computer applications.